



Innovation in Developing Countries to meet health needs

Centre for the Management of
IP in Health R&D



Background



- Country studies of Brazil, China, India and South Africa.
- Review of innovation in manufacturing industry
- MIHR overview



Determinants of Health Innovation



- Creating capacity for and undertaking R&D
- Creating & sustaining capabilities to manufacture products to appropriate standards
- Promoting & sustaining national health distribution systems including the private sector
- Promoting & sustaining international distribution systems and export markets
- Creating & implementing systems of IP management
- Creating & implementing systems for drug regulation

Policy areas for building innovative capacity

- S&T -including R&D
- Economic and industry
- Health and safety
- Trade
- Intellectual Property
- Education and skills

Why countries differ in innovative capacity

- Size and strength of their economy
- Size and strength of their S&T system
- Structure of private sector
- Attitude to intellectual property
- Priority given to health
- Radical vs incremental innovations

Implications for developing countries

- Countries with weak innovation systems
 - depend on others for new products
 - collaborate with other countries
- Countries with medium innovation systems
 - manufacture generics and vaccines based largely on foreign technologies
- Countries with strong innovation systems
 - innovate new drugs and vaccines based on own technologies.

How innovative capacity can be better used

- Recognise complexity of innovation process
- Strengthen different elements
- Build innovation systems where individual elements interact

What can Developed countries do to help?

- Contribute to building capacity by providing funds and training for R&D; S&T services; management of innovation including IP and IP negotiating skills
- Share their own experiences of good practice
- Review their policies with regards to developing countries (creative dealings between institutions)
- Review trade, IP and related policies for their potential positive and negative impacts on health